UTILITY PATENT OR DESIGN SOLE OR JOINT

## CROWELL & MORING, LLP UNITED STATES LETTERS PATENT DECLARATION AND POWER OF ATTORNEY

ATTORNEY'S DOCKET NO.

As a below named inventor, I declare that I believe I am the original, first and sole inventor if only one name is listed at Item 201 below, or a joint inventor if plural names are listed below at Items 201 et. seq. of subject matter which is claimed and for which a patent is sought for the invention entitled:

## ELECTROMAGNETIC WAVE ABSORBER

which is described and claimed in:	•			
[ ] the attached specification	filed			
and (if applicable) amended on				
[ ] international (PCT) application I	No.	filed	and as amended on (if any)	
I acknowledge the duty to disclos I hereby claim the benefit of priorit below and have also identified in Its for which priority is claimed.  I hereby claim the benefit, under I part, insofar as the subject matter oby the first paragraph of Title 35, Udefined in Title 37, Code of Federal	se all information known by me to be may, under Title 35. United States Code, § em 103 below any foreign application(s). Fitle 35. United States Code, §120, of any of the claims thereof is not discloss finited States Code, §112, I acknowledg Regulations, §1.56 which became available.	aterial to patentability as defined in Title 119, of any foreign application(s) for pat ) for patent or inventor's certificate having U.S. application(s) listed in Item 105 bed in the prior U.S. application(s) identifies the duty to disclose all information kn	: 37, Code of Federal Regulation and or inventor's certificate listeng a filing date before that of the below. If this application is a coled in Item 105 below in the manuown to me to be material to page.	ons, §1.56. d in Item 103 e application ntinuation-in- ner provided itentability as
FOREIGN APPLICATION(S), IF A PRIORITY OF WHICH WHERE P	NY, FILED WITHIN 12 (6 if a Design) M ERMITTED IS HEREBY CLAIMED UNI	MONTHS PRIOR TO THE FILING DAT DER 35 U.S.C. §119	E OF THIS APPLICATION TH	E
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY ÇLAII YES	MED NO
	ži.			(0)
Japan	2002-209857	18/07/2002	X	
Japan	2002-367057	18/12/2002	X	
THIS APPLICATION IS A: [ ] CONTINUATION [ ] DIVISION	[ ] CONTINUATION-IN-PART OF PRIOR U.S. APPLICATION	SERIAL NO.	FILED	
R OF ATTORNEY: As a named invinant Office connected therewith:	entor, I hereby appoint the following atto	omey(s) to prosecute this application an	d transact all business in the P	atent and
	(for declaration not accompanying application papers)  10. flied and as amended on (if any)  10. flied contents of the above-identified specification, including the claims, as amended by any amendment referred to above, all information known by me to be material to patental or including the claims, as amended by any amendment referred to above, all information known by me to be material to patent or inventors certificate having a fling date before that of the application in 103 below any foreign application(s) for patent or inventor's certificate having a fling date before that of the application in the 105 below. If this application is a continuation-in-any of the claims thereof is not disclosed in the prior U.S. application(s) identified in item 105 below in the manner provided to states Code, §112, I acknowledge the duty to disclose all information known to me to be material to patentability as regulations, §1.56 which became available between the filing date of the prior U.S. application(s) identified in item 105 below all filing date of this application.  10. FileD WITHIN 12 (6 if a Design) MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION THE REMITTED IS HEREBY CLAIMED UNDER 35 U.S.C. §119  APPLICATION NUMBER  10. DATE OF FILING  11. PRIORITY CLAIMED  12. PRIORITY CLAIMED  12. PRIORITY CLAIMED  13. PRIORITY CLAIMED  14. PRIORITY CLAIMED  15. PRIORITY CLAIMED  16. PRIORITY CLAIMED  17. PRIOR U.S. APPLICATION  18. PRIORITY CLAIMED  19. PRIOR U.S. APPLICATION  10. HERBERT I. CANTOR  10. Registration No. 24,392  10. PEFREY D. SANOK  10. JEFFREY D. SANOK			
CORRESPONDENCE TO:	P.O. Bo	ox 14300 .		
	and (if applicable) amended on  [ ] international (PCT) application in the international (PCT) application in the provided and understand in acknowledge the duty to disclose the first paragraph of the post of the interest	[ ] the attached specification [ ] the specification in application Ser (for declaration not accompanying ap, and (if applicable) amended on [ ] international (PCT) application No.  I have reviewed and understand the contents of the above-identified spet I acknowledge the duty to disclose all information known by me to be me I hereby claim the benefit of prionty, under Title 35, United States Code, § below and have also identified in Item 103 below any foreign application(s for which priority is claimed.  I hereby claim the benefit, under Title 35, United States Code, § 120, of ar part, insofar as the subject matter of any of the claims thereof is not disclose by the first paragraph of Title 35, United States Code, § 112, 1 acknowledge defined in Title 37, Code of Federal Regulations, § 1.56 which became avails and the national or PCT international filing date of this application.  FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 (6 if a Design) in PRIORITY OF WHICH WHERE PERMITTED IS HEREBY CLAIMED UN COUNTRY  APPLICATION NUMBER  Japan 2002-209857  Japan 2002-209857  Japan 2002-367057  THIS APPLICATION IS A:  [ ] CONTINUATION [ ] CONTINUATION-IN-PART OF PRIOR U.S. APPLICATION  R OF ATTORNEY: As a named inventor, I hereby appoint the following attendards of the properties of the properties of the properties of the properties of Registration No. 25,406  AREGISTRATION OF PRIOR U.S. APPLICATION Registration No. 26,269  CORRESPONDENCE TO: CROWELL & I P.O. BC	[ ] the attached specification [ ] the specification in application Serial No. (flor declaration not accompanying application papers)  and (if applicable) amended on  [ ] international (PCT) application No. filed  I have reviewed and understand the contents of the above-identified specification, including the claims, as ame 1 acknowledge the duty to disclose all information known by me to be material to patentability as defined in Title 18 thereby claim the benefit of priority, under Title 35, United States Code, §119, of any foreign application(s) for patentability as defined in Title 18 thereby adains the benefit under Title 35, United States Code, §120, of any U.S. application(s) for patential representation of any of the claims thereof is not disclosed in the prior U.S. application(s) issed in Item 105 that, insofar as the subject matter of any of the claims thereof is not disclosed in the prior U.S. application(s) identified by the first paragraph of Title 35, United States Code, §112, 1 acknowledge the duty to disclose all information known defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior U and the national or PCT international filing date of this application.  FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 (6 if a Design) MONTHS PRIOR TO THE FILING DAT PRIORITY OF WHICH WHERE PERMITTED IS HEREBY CLAIMED UNDER 35 U.S.C. §119  COUNTRY APPLICATION NUMBER DATE OF FILING (day, month, year)  Japan 2002-209857 18/07/2002  Japan 2002-367057 18/12/2002  THIS APPLICATION IS A:    ] CONTINUATION   () CONTINUATION-IN-PART OF PRIOR U.S. APPLICATION  ROF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) to prosecute this application anadr Office connected therevith:    JAMES F. MCKEOWN Registration No. 25,406 Registration No. 24,392 Registration No. 25,406 Registration No. 31,824 Registration No. 26,259 Registration No. 31,824 Registration No. 21,8300	[ ] the attached specification [ ] the specification in application Senal No. (for declaration not accompanying application papers)  and (if applicable) amended on [ ] international (PCT) application No. filled and as amended on (if any) I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment refler I acknowledge the duty to disciose all information known by me to be material to patientability as defined in Title 37. Code of Federal Regulation I thereby cannot the buent to priority, under Title 35. United States Code, § 120. of any U.S. applications is patient or inventor's certificate having a filing date before that of the Interby claim the benefit, under Title 35. United States Code, § 120. of any U.S. applications listed in term 105 below. If this application is a copart, insofar as the subject matter of any of the claims thereof is not disclosed in the prior U.S. applications jisted in term 105 below in the man benefit, under Title 35. United States Code, § 120. of any U.S. applications, listed in term 105 below in the man benefit and part of the claims thereof is not disclosed in the prior U.S. application(s) identified in term 105 below in the man benefit of part of the company of the claims thereof is not disclosed in the prior U.S. application(s) identified in the most of the prior U.S. application is a copart, insofar as the subject matter of any of the claims thereof is not disclosed in the prior U.S. application is a copart, insofar as the subject matter of any of the claims thereof is not disclosed in the prior U.S. application is not part of the prior U.S. application is a copart, insofar as the subject matter of any of the claims thereof is not disclosed in the prior U.S. application is a copart in the prior U.S. application is a copart in the prior U.S. application is an object of the prior U.S. application is a copart in the prior U.S. application is a copart in the prior U.S. application is an object of the prior U.S.

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	FULL NAME OF INVENTOR	LAST NAME MUKASA	FIRST NAME Koichi	MIDDLE NAME
201	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION Sapporo-shi, Hokkaido	STATE OR COUNTRY Japan	спідензнір Japanese
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	ADDRESS			
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
205	FULL NAME	LAST NAME  CITY OR OTHER LOCATION	FIRST NAME  STATE OR COUNTRY	MIDOLE NAME  CITIZENSHIP
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[] Seventh (and more) coinventors on page 3
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of any patent issue thereon.

SIGNATURE OF INVENTOR 201 Kaich Trukesa	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203 Lazuhisa Sucho
DATE 20th, Feb. 2003	DATE 20th . Feb , 2003	DATE 20th. Heb. 2003
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

## SMALL ENTITY DECLARATION

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U SERIAL NO.	,	—— D PATENT NO. —	•	BOCK	SUBMITTED	DEDENIAL.
FOR ELECTROMAC	NETIC W	AVE ABSORBER			C SUBMITTED	HEREMUR
I(we) hereby declare the tified application or pa and Trademark Office.	itent for pi					
☐ A. INDEPENDENT I(we) qualify as		er pendent inventor(s)	as defined in 3	7 CFR 1.9(c).		
B. INDIVIDUAL NO I would qualify		TOR ependent inventor	as defined in 37	CFR 1.9(c) if I	had made the inv	ention.
☐ C. SMALL BUSING  I am ☐ THE OW  to act on behalf of the  contract or law have b  placed here ☐ and an	oncern. I concern. I een convey	AN OFFICIAL of the The concern qualific yed to and remain	es under 37 CFI with the concer	R 1.9(d) and 13 ( m and are exclu	CFR 121.3-18. Rigi Isive unless a che	hts unde
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	empowere 37 CFR 1.9 o and rem	d to act on behalf of (e), sub-section: ain with the orga	] (1) 🗌 (2) 🗀 nization and ar	l (3) 🗌 (4). R e exclusive unl	ights under contra	act or lav
I(we) acknowledge the in loss of entitlement to fee or any maintenance CFR 1.28(b)).	o small en	tity status prior to	paying, or at the	he time of payir	ng, the earliest of	the issu
I(we) hereby declare the made on information a knowledge that willful under Section 1001 of the validity of the appeliance.	nd belief a false stater Title 18 of t	re believed to be to ments and the like he United States C	rue; and further so made are pu lode, and that s	that these state nishable by fine uch willful false	ements were made e or imprisonment statements may je	with the or bothe copardize
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Name of Inventor		Signature			Date	
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Name of Inventor		Signature	······································	· · · · · · · · · · · · · · · · · · ·	. Date	
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Hokkaido Univ				caido, 060-0808	Japan	
Name of Concern or Organia	zation		Address	+ /	W D	•
ByMutsuo NAKA		<u> </u>		Who //	lakamur	a
Name of Person Signing	•		Signature			
President				March	3, 200	3
Title			10	Date	7	